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(71) Applicant (for all designated States except US): ARIZONA BOARD OF REGENTS [US/US]; Post Office Box 879209, Tempe, AZ 85287-9209 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): VERNON, Brent [US/US]; Post Office Box 879709, Tempe, AZ 85287 (US). BIRDNO, Merrill [US/US]; 626 North Drew Street, East, Apt. A, Mesa, AZ 85201 (US). PREUL, Mark [US/US]; 8628 East Davenport, Scottsdale, AZ 85260 (US).

(74) Agent: PECK, John, W.; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

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(54) Title: IN SITU GELLING SELF-REACTIVE MATERIALS FOR EMBOLIZATION

(57) Abstract: A method and composition for treating arteriovenous malformations (AVMs), or abnormal vasculature in the body are provided. The method comprises introducing into the region of an AVM a composition comprising a nucleophilic component, such as a thiol, and a component containing a conjugated unsaturated bond, such as an acrylate through a catheter, whereby the composition crosslinks within the body to block or occlude the AVM.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 9/14
US CL : 424/486

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/486

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,978,619 A (KAJIWARA et al) 18 December 1990 (18.12.1990), see abstract and example 9.	1-13, 15-19, 21, 23, 25
A	US 6,152,943 A (SAWHNEY) 28 November 2000 (28.11.2000), see entire document.	1-55

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Faxsimile No. (703) 305-3230

Authorized officer

BLESSING FUBARA

Telephone No. 571-272-1600